BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Work:- Improvements and Resetting of damaged Culverts and drains jalahalli village and surronding Area in Ward no 16 Jalahalli

Estimate: Rs.20.00 Lakhs

Sl No	Description	No	Dimensions			Qty	Rate	Unit	Amount
			L	B	D				
1	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. KSRB 2-2.2 : --do-- in hard soil. No. KBS 2.1(b) / 2.3.5 Pg No:6 It No:2.4							Cum	
		17	7.00	2.00	1.20	**285.60**			
		9	5.80	2.00	1.15	**120.06**			
					Total	**405.66**			
	Basic Rate	449.00							
	Area Weightage 6%	26.94							
	Total	**475.94**				**405.66**	**475.94**		193070
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P-13 I.No.4.3)							Cum	
		17	7.00	2.00	0.15	35.70			
		9	5.80	2.00	0.15	15.66			
						51.36			
	Basic Rate	5102.00							
	Area Weightage 6%	306.12							
	Total	**5408.12**				**51.36**	**5408.12**		277761

Sl No	Description	No	Dimensions			Qty	Rate	Unit	Amount
			L	B	D				
3	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 KSRB 5.2-2 : - do - cement mortar 1:8 (P.No.25, I.No.5.5)							Cum	
	For Wall	34	7.00	0.45	0.80	107.10			
	Fow Wall	18	5.80	0.45	0.80	46.98			
					Qty	**154.08**			
	Basic Rate	4494.00							
	Area Weightage 6%	269.64							
	Total	**4763.64**				**154.08**	**4763.64**		**733982**
4	KSRB 4-1.7 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P-13 I No. 4.7)							Cum	
	For Vent	17.00	7.00	0.60	0.15	10.71			
	For Wall Coping	34.00	7.00	0.45	0.10	10.71			
	For Vent	9.00	5.80	0.60	0.15	4.70			
	For Wall Coping	18.00	5.80	0.45	0.10	4.70			
					Qty	**30.82**			
	Basic Rate	5309.00							
	Area Weightage 6%	318.54							
	Total	**5627.54**				**30.82**	**5627.54**		**173418**

Sl No	Description	No	Dimensions			Qty	Rate	Unit	Amount
			L	B	D				
5	KSRB 15.1.3 – do – Providing ruled pointing 20 mm deep to coursed stone masonry with cement mortar after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. KSRB 15.1.3 – do – cement mortar 1:3(P.No.115,I.No.15.3)							Sqm	
		34	7.00		0.80	190.40			
		18	5.80		0.80	83.52			
						273.92			
	Basic Rate	142.00							
	Area Weightage 6%	8.52							
	Total	**150.52**				**273.92**	**150.52**		**41230**
6	Providing and fixing RCC pre cast cover slab of 250 mm for drain in cement concrete M20 using graded granite jelly 20mm and downsize with steel reinforcement, including formwork, lift charges, curing and concrete finished surfaces on both sides etc., complete as per drawing and the directions of Engineer in-charge. (Data rate)							Cum	
		17.00	1.80			30.60			
		9.00	1.50			13.50			
					Total	**44.10**			
	Data Rate	**5418.00**				**44.10**	**5418.00**		**238934**
7	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per pecifications. MORTH -100/ Chapter 1 Pg No:136 It No:17.12							Sqm	
	Qty Vide Item no 1					**360.00**			
	Basic Rate	57.00							
	Loading & unloading + Add 15km lead(1.28*2*15km)	38.40							
	Total	**95.40**				**275.00**	**95.40**		**26235**
								Total	**1684630**
								TP 5%	**84231**

Sl No	Description	No	Dimensions			Qty	Rate	Unit	Amount
			L	B	D				
								Sub Total	1768861
								GST 12%	212263
								PMC 1%	17689
								Miscellaneous & Rounding off	1187
								Grand Total	2000000

CERTIFICATE

1 The work spot have been inspected by me and work is found to be necessary.

2 This estimate is prepared as per CSR of 2018-19

4 The provisions were made in this estimate are adequete and essential

5 This works comes under BBMP Limits

Asst.Engineer
Ward No.16
B.B.M.P

Asst.Executive Engineer
Yeshwanthapura Sub Division
B.B.M.P.

Executive Engineer
R. R. Nagara Division
B.B.M.P.



